



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

- Product Name : Deionized Water
- Supplier Name : Cherrose Co., Ltd. 88/233 Prachasamran Rd., Khlong Sip
Song, Nongchok, Bangkok, 10530 Thailand.
- Emergency Telephone Number : +662-038-3395

2. COMPOSITION & INFORMATION ON INGREDIENTS

INCI Name	CAS No.	Content(%)
Deionized Water	7732-18-5	100

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: Clear, colorless liquid

Target Organs: None

Potential Health Effects

Eye: Low hazard for usual industrial handling.

Skin: Low hazard for usual industrial handling.

Ingestion: Low hazard for usual industrial handling.

Inhalation: Low hazard for usual industrial handling.

Chronic: No chronic hazards are associated with exposure to water.

4. FIRST AID MEASURES

- Eye contact : No special first aid measures are necessary.
- Skin contact : No special first aid measures are necessary.
- Inhalation : No special first aid measures are necessary.
- Ingestion : No special first aid measures are necessary.
- Other physician precautions : Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

- General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent),



- Extinguishing Media: and full protective gear.
For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.
- Autoignition Temperature: Not applicable.
- Flash Point: Not applicable.
- NFPA Rating: CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0.
- Explosion Limits: Lower: n/a Upper: n/a

6. ACCIDENTAL RELEASE MEASURES

- General Information: Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks: No special cleaning procedures are necessary. Wipe up spill with a mop or other absorbent material.

7. HANDLING AND STORAGE

- Safety Handling Tips. : No special precautions are necessary.
- Safe storage : No special precautions are necessary.
- Shelf Life : 12 months from date of manufacture

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

- Engineering Controls: There are no special ventilation requirements.
 - ACGIH : None listed
 - NIOSH : None listed
 - OSHA : None listed
 - OSHA Vacated PELs: None listed
- Personal protective equipment
 - Respiratory protection : Follow the OSHA respirator regulations found in 29 CFR1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
 - Eye protection : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection



regulations in 29 CFR 1910.133 or European Standard EN166.

- Skin protection : Wear appropriate gloves to prevent skin exposure
- Clothing: Wear appropriate protective clothing to prevent skin exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

○ Appearance :	Clear liquid
○ Odor :	Odorless
○ Color :	Colorless
○ pH (Neat) :	6.00 ~ 7.00
○ Vapor Pressure :	Not available
○ Vapor Density:	17.5 mm Hg @ 20°C
○ Viscosity:	1 cP @ 20°C
○ Boiling point :	> 100 °C
○ Evaporation rate :	None
○ Solubility :	Soluble in water
○ Specific Gravity (d25/25) :	1.00
○ Decomposition temperature :	Not available
○ Molecular Formula: :	H ₂ O
○ Molecular mass :	18.0134

10. STABILITY AND REACTIVITY

○ Chemical Stability:	Stable under normal temperatures and pressures.
○ Conditions to avoid :	Incompatible materials.
○ Incompatibilities with Other Materials :	Water reactive substances (e.g. sulfuric acid, sodium metal, potassium metal, calcium carbide).
○ Hazardous decomposition products :	None
○ Hazardous Polymerization :	Has not been reported.

11. TOXICOLOGICAL INFORMATION

RTECS:	CAS# 7732-18-5: ZC0110000.
LD50/LC50:	CAS# 7732-18-5: Oral, rat: LD50 = 99,999 mg/kg.



Carcinogenicity:	CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.
Epidemiology:	No information found
Teratogenicity:	No information found
Reproductive:	No information found
Mutagenicity:	No information found
Neurotoxicity:	No information found

12. ECOLOGICAL INFORMATION

No information found

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, and local regulations.

14. TRANSPORT INFORMATION

US DOT

Shipping Name: Not regulated.

15. REGULATORY INFORMATION

○ Industrial Safety and Health Act :	Not applicable
○ Toxic Chemical Control Act :	Not applicable
○ Dangerous Material Safety Control Act :	Not applicable
○ Wastes Management Act :	Not applicable
○ Other requirements in domestic and other countries	
• Domestic requirements	
Persistent organic pollutants :	Not applicable
• Foreign requirements	
U.S.A management information : (OSHA)	Not applicable
U.S.A management information : (CERCLA)	Not applicable
U.S.A management information : (EPCRA 302)	Not applicable



U.S.A management information : (EPCRA 304)	Not applicable
U.S.A management information : (EPCRA 313)	Not applicable
U.S.A management information : (Rotterdam Convention)	Not applicable
U.S.A management information : (Stockholm Convention)	Not applicable
U.S.A management information : (Montreal Protocol)	Not applicable
EU classify information : (Confirmed classification result)	Not applicable
EU classify information : (Danger words)	Not applicable
EU classify information : (Safety words)	Not applicable

16. OTHER INFORMATION

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